

**INVENTEK**

Dov Rosenfeld  
5507 College Avenue, Suite 2  
Oakland, CA 94618, USA  
Phone: (510)547-3378; Fax: (510)291-2985  
dov@inventek.com

**Fax**

**RECEIVED**  
**CENTRAL FAX CENTER**  
**SEP 13 2004**

**Patent Application Ser. No.:** 10/015,486**Ref./Docket No.:** CISCO-5235**Applicant(s):** Ryan**Examiner.:** Tan V. Mai**Filing Date:** December 11, 2001**Art Unit:** 2124**FAX COVER PAGE**

**TO:** Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

United States Patent and Trademark Office  
(Examiner Tan V. Mai, Art Unit 2124)

**Fax No.:** 703-872-9306**DATE:** September 13, 2004**FROM:** Dov Rosenfeld, Reg. No. 38687**RE:** Response to Office Action*Number of pages including cover:* 12**OFFICIAL COMMUNICATION**

**PLEASE URGENTLY DELIVER A COPY OF  
THIS RESPONSE TO  
EXAMINER TAN V. MAI, ART UNIT 2124**

**Certificate of Facsimile Transmission under 37 CFR 1.8**

I hereby certify that this response is being facsimile transmitted to the United States Patent and Trademark Office at telephone number 703-872-9306 addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.

Date:

Sept. 13, 2004

Signed:

Name: Amy Drury

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

10/015,486

Filing Date

11 Dec 2001

First Named Inventor

Ryan, Philip J.

Group Art Unit

2124

Examiner Name

Tan V. Mai

Attorney Docket Number

CISCO-5235

**ENCLOSURES (check all that apply)**☐

Fee Transmittal Form

☐

Fee Attached

☒

Amendment / Response

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Response to Missing Parts/ Incomplete Application

☐☐

Response to Missing Parts under 37 CFR 1.52 or 1.53

☐Assignment Papers  
(for an Application)☐

Drawing(s)

☐

Licensing-related Papers

☐Petition Routing Slip (PTO/SB/69)  
and Accompanying Petition☐To Convert a  
Provisional Application☐Power of Attorney, Revocation  
Change of Correspondence  
Address☐

Terminal Disclaimer

☐

Small Entity Statement

☐

Request of Refund

☐After Allowance Communication  
to Group☐Appeal Communication to Board  
of Appeals and Interferences☐Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☐Additional Enclosure(s)  
(please identify below):☐

Return Postcard

☐☐

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT/ CORRESPONDENCE ADDRESS**

Firm or:

Dov Rosenfeld, Reg. No. 38687

Individual name

Signature

Date

September 13, 2004

**ADDRESS FOR CORRESPONDENCE**

Firm

Dov Rosenfeld

or

5507 College Avenue, Suite 2,

Individual name

Oakland, CA 94618, Tel: 510-547-3378

**CERTIFICATE OF FACSIMILE TRANSMISSION**

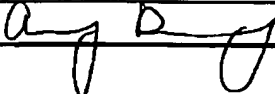
I hereby certify that this correspondence is being facsimile transmitted with the United States Patent and Trademark Office at  
Telephone number 703-872-9306 addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450 on this date:

September 13, 2004

Type or printed name

Amy Drury

Signature



Date

September 13, 2004

Our Ref./Docket No: CISCO-5235

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Ryan

Application No.: 10/015,486

Filed: December 11, 2001

Title: LINEAR-TO-LOG CONVERTER FOR  
POWER ESTIMATION IN A WIRELESS  
DATA NETWORK RECEIVER

Group Art Unit: 2124

Examiner: Tan V. Mai

**RECEIVED**  
**CENTRAL FAX CENTER**  
**SEP 13 2004****TRANSMITTAL: RESPONSE TO OFFICE ACTION**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Transmitted herewith is a response to an office action for the above referenced application.  
Included with the response are:

\_\_\_\_\_ drawing(s);

This application has:

\_\_\_\_\_ a small entity status. If a claim for such status has not earlier been made, consider  
this as a claim for small entity status.X No additional fee is required.**Certificate of Facsimile Transmission under 37 CFR 1.8**I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark  
Office at 703-872-9306 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
on.Date: Sept - 13, 2004Signed: Amy Drury  
Name: Amy Drury

S/N 10/015,486

Page 2

CISCO-5235

       A credit card payment form is attached for presentation of additional claims.

  X   Applicant(s) believe(s) that no Extension of Time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for an extension of time.

       Applicant(s) hereby petition(s) for an Extension of Time under 37 CFR 1.136(a) of:

       one months (\$110)

       two months (\$410)

       three months (\$930)

       four months (\$1450)

If an additional extension of time is required, please consider this as a petition therefor.

       A credit card payment form for the required fee(s) is attached.

  X   The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0292 (A DUPLICATE OF THIS TRANSMITTAL IS ATTACHED):

  X   Any missing filing fees required under 37 CFR 1.16 for presentation of additional claims.

  X   Any missing extension or petition fees required under 37 CFR 1.17.

Respectfully Submitted,

Sept. 13, 2004  
Date

  
Dov Rosenfeld, Reg. No. 38687

Address for correspondence:

Dov Rosenfeld

5507 College Avenue, Suite 2,

Oakland, CA 94618

Tel. 510-547-3378; Fax: +1-510-291-2985

Our Ref./Docket No: CISCO-5235

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Ryan

Application No.: 10/015,486

Filed: December 11, 2001

Title: LINEAR-TO-LOG CONVERTER FOR  
POWER ESTIMATION IN A WIRELESS DATA  
NETWORK RECEIVER

Group Art Unit: 2124

Examiner: Tan V. Mai

**RECEIVED**  
**CENTRAL FAX CENTER**

SEP 13 2004

**RESPONSE TO OFFICE ACTION UNDER 37 CFR 1.111**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

This is a response to the Office Action of September 9, 2004.

Any *amendments to the claims* begin on a new page.Any *amendments to the drawings* begin on a new page immediately after such  
*amendments to the claims*, if any.The *Remarks/arguments* begin on a new page immediately after such *amendments to the drawings*, if any.If there are drawing amendments, an *Appendix* including amended drawings is attached following the *Remarks/arguments*.**Certificate of Facsimile Transmission under 37 CFR 1.8**I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at 703-872-9306 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.Date: Sep 13, 2004Signed:   
Name: Amy Drury